

Claims:

1. An extruded frame member for windows and doors having surfaces exposed to weather elements comprising:

an integrated multi-element extrusion of a constant cross section having a core element with at least one channel formed therein and a protective plastic shell formed on the exterior surfaces of said core element all being extruded as a single unit prior to cooling and cutting to length.

Claim 2 . The extruded frame member for windows and doors defined in Claim 1 wherein soft sealing strips integrated within the channel by extruding them in said channel prior to cooling the extrusions and cutting to length.

Claim 3. The extruded frame member for windows and doors defined in Claim 1 wherein the core element of said member is formed from a composition of polyvinylchloride and wood flour and the protective plastic shell is formed of a polyvinylchloride.

Claim 4. The extruded frame member for windows and doors defined in Claim 1 wherein the soft sealing strips incorporated in the channel are formed of a soft polyvinylchloride.

Claim 5. A frame for a window or door, said frame having at least one frame member comprising:

an integrated three element extrusion of a constant cross section having a core element with at least one channel formed therein, soft sealing strips integrated within said channel and a protective plastic shell formed on selected exterior surfaces of said core element all being formed in a extrusion.

Claim 6. An extrusion process for forming window and door frame members comprising the steps of:

- a. extruding a foamed selected profile of polyvinylchloride and wood flour with at least one channel therein, said profile having reduced dimension where a protective shell is desired;
- b. co-extruding a plastic shell of polyvinylchloride on said

profile where the reduced dimension are provided to form a protective shell thereat;

c. passing said co-extrusion and plastic shell through a calibration die;

d. heating the co-extrusion from the calibration die at selected locations where weather stripping is desired;

e. passing said co- extrusion through a final extrusion die where weather stripping elements are extruded at said heated locations whereby an integrated multi-component frame member is formed; and

f. cooling the extrusion from the final extrusion die.